

VALUCE, G.: BERBECEL, O.

"Determination of natural (ecologic) zones of agricultural plants for the purpose of zoning agricultural production"

Sbornik. Rada Zemedelska Ekonomika. Praha, Czechoslovakia. Vol. 32, no. 1, Jan 1959

Monthly list of East European Acquisitions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclass

VALUCH, I

VALUCH, I.

Report on the Metallurgic Works at Ozd. p. 7. (Ujito Lapja, Budapest, Vol. 6, no. 23, Dec. 1954.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955, Uncl.

VALUCH, Janos, fomernok

Some questions relating to the cutting and heating of materials  
to be processed in forging workshops. Gep 15 no.4:151-156 Ap '63.

1. Xoho- es Gepipari Miniszterium Iparpolitikai Foosztalya.

VALUEV, G.V., NEVEL'SON, M.S.

Gearing

Device for finishing operations on gears. Stan. i instr. 23 no. 7, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952. UNCLASSIFIED.

1. VALUEV, I. V., NOVIKOV, I.I.
2. USSR (600)
4. Grinding and polishing
7. Machine for lapping prismatic grooves, Stan. i instr. 24 No. 2  
1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953, Uncl.

VALUGIN, K. N.

**DECEASED**

1964

Metallurgy  
Rolling Mills

c. '62

EXCERPTA MEDICA Sec 18 Vol 3/3 Cardio. Dis. Mar 59

972. A new method of inducing stable hypertension of neurogenic origin in dogs  
(Russian text) BUKOV V. A., BIKOV L. A. and VALUK V. A. *Arkh. Patol.* 1958, 20, 5  
(21-27) Graphs 5

The experiments were performed on 6 full-grown dogs, i.e. the vagus nerves were repeatedly electrically stimulated through the skin or a cold water drip was applied to the gastric mucosa. Hypoxaemia was induced simultaneously and caused a distinct excitatory condition of the CNS. Finally, a stable hypertension appeared, with disturbances of sleep and depressive states, alternating with excitation and loss of appetite. On discontinuation of the experiment, the blood pressure reverted to normal only after 5 months. Thus, a new type of neurogenic hypertension was achieved by inducing and intensifying a threshold inhibition in the mechanism of the vagus centres. The advantage of this type of hypertension lies in the fact that it was induced without section of peripheral nerves, without renal functional damage and without administration of drugs.

Brandt - Berlin (V, 2, 18)

VALUK, V.A. (Riga)

Study of the acid-forming function of the stomach in disease.  
Terap.arkh. 33 no.8:37-45 '61. (MIRA 15:1)  
(STOMACH—DISEASES) (GASTRIC JUICE)

VALUK, V.A., (Riga)

Evening examination of gastric secretion. Terap. zhurn. 35  
no.1:56-59 Ja'63. (MIRA 16:9)  
(GASTRIC JUICE)

LEBEDEV, M.P., gornyy inzh.; VALUKHIN, Yu.K., gornyy inzh.;  
POPOV, N.G., gornyy inzh.

Using diamond drill holes for breaking ore. Gor. zhur. no.6:37-41  
Je '61. (MIRA :4:6)

1. TSentral'nyy nauchno-issledovatel'skiy gornorazvedochnyy  
institut, Moskva.  
(Boring) (Blasting)

Voronezh, 1926. 15 p.

Cloth factories in Voronezh Guberniya during the time of serfdom. Voronezh, Obshch. redaktsionno-izdatel'skii kom. NKZ, 1926. 15 p.

1. Textile industry and fabrics - Voronezh, Russia (Government). 2. Serfdom - Russia.

VALUKONIS, G.Yu.

Role of cation exchange in the formation of the chemical composition  
of underground waters in the Baltic trough. Vest. LGU 19 no.18:107-  
110 '64. (MIRA 17:11)

L 29397-66 EWT(1)/T WR

ACC NR: AP6017965

SOURCE CODE: UR/0413/66/000/010/0042/0042

29  
BINVENTOR: Valunskiy, Ye. D.

ORG: none

TITLE: A system for tilting two mirror-type antennas. Class 21, No. 181691

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 10, 1966, 42

TOPIC TAGS: antenna component, waveguide antenna

ABSTRACT: A tilting system for two mirror-type antennas is described. The system consists of a waveguide switch and mutually perpendicular output shafts which are coupled to the driving motor through two crankshaft mechanisms. The crankshaft mechanisms smooth the tilting motion of the antennas and at the same time allow the length of the waveguide track feeding the antennas to be decreased, and the waveguide switch construction to be simplified. The collar of one crankshaft is joined with the shaft of an antenna rotating in the vertical plane; the collar of the second crankshaft is joined with the shaft of an azimuthal antenna through a 4-link mechanism. The crankshaft axles are parallel and are kinematically coupled

Card 1/2

UDC: 621.396.965.624.074

L 29397-66

ACC NR: AP6017965

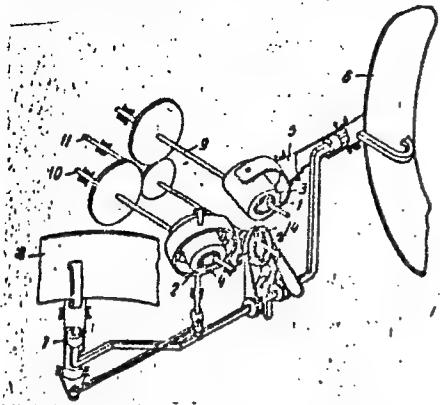


Fig. 1. Antenna rotating system

1 and 2 - Crankshafts; 3 and 4 - collars;  
5 - shaft; 6 - antenna rotatable in vertical  
plane; 9 and 10 - crankshaft axles; 11 - drive  
motor shaft; 12 - checking device; 13 and 14 -  
rollers.

to the shaft of the drive motor. This shaft is joined to a checking device resting on concentric rollers whose common axis is perpendicular to the waveguide switch tilting axis. Orig. art. has 1 figure. [BD]

SUB CODE: 09/ SUBM DATE: 02Jun65/ ATD PRESS: 5008

Card 2/2 cc

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858510018-4

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858510018-4"

VALUSEK, Milan, inz.

A short outline of the theory of electron motion in semiconductors.  
Slaboproudý obzor 21 no.10: 596-602 0 '60. (EEAI 10:2)

1. Vyzkumný ustav pro sdelovací techniku A.S.Popova, Praha  
(Electrons) (Semiconductors)

UNGUREANU, N.; SIMIONESCU, T.; VALULESCU, Gr.; SUCIU, D.; BARBU, N.;  
ZAHIU, A.; BUHESCU, R.; BUSNITA, M.

Aspects of the obtention of polycarbonates by interfacial  
polycondensation. Rev chimie Min petr 13 no.7:405-411  
Jl '62.

VALUS, V. P.

"Joint interpretation of body and surface waves."

paper submitted for Intl Symp on Geophysical Theory and Computers, Rehovoth, Israel, 13-23 June 1965.

RUMANIA / Cultivated Plants. Commercial. Oil-Bearing. M-5  
Sugar-Bearing.

Abs Jour: Ref Zhur-Biol., No 6, 1958, 25169

Author : Valuta, Gh., Berindei, M.

Inst : Not given

Title : The Vernalization of Sugar Beet Seeds

Orig Pub: Probl. agric., 1957, 9, No 2, 35-45 (Rum., res.  
Russ., Fr.)

Abstract: Investigations made at the experimental base in Moara Domnyaska (Rumania) show that the best results in yielding capacity are gotten by vernalizing seeds for 10 days at 10°. Pre-planting dusting of the vernalized seeds with ash also helped to boost the yield considerably. It is stated that the vernalization of seeds of late-ripening varieties, alongside of speeding up the ripening time, increases the beet harvest. -- A.M. Smirnov

Card 1/1

126

RUMANIA/Cultivated Plants - Commercial. Oil-Seeds.  
Sugar-Beets.

11.

Abs Jour : R.M. Biol. - Biol., No 10, 1950, 44255  
Author : Valuta, Gh., Comnescu, V., Berindei, M.  
Inst : AS RMR  
Title : The Pre-Sowing Treatment of Sugar Beet Seeds.  
Crig Pub : Bul. științ. Acad. RMR. Ser. Biol. și științe agric. S.r. agron., 1957, 9, No 2, 105-112.

Abstract : The effect of the following treatments on the best yield was studied under field conditions: soaking seeds with water taken in the quantity of 50% of the weight of the seeds; vernalization for 10 days at 10°; soaking in the nutritive solution (NPK); soaking with water and vernalization with a subsequent heating of the seeds with air at 30°.

Card 1/2

RU/ANL/CJL/lnv. M. Iavne - Commercial Oil. Living.  
Sugar-Beating.

Abs Jour : M. Iavne - Biol., No 10, 1970, 44255.

The test results were obtained by normalization of the  
sucrose with the subsequent living of them with yeast  
(yield increase of 15%). ....N. Svirnov

Card 2/2

- 126 -

RUMANIA/Cultivated Plants - General Problems.

M-1

Abs Jour : Ref Zhur - Biol., No 7, 1958, 29643

Author : Valuta, Gh., Berbecel, O.  
Inst :

Title : The Principles and Methods of the Ecological Districting  
of Field Crops in Rumania.

Orig Pub : Probl. agric., 1957, 9, No 6, 44-57 (rum.)

Abstract : No abstract.

Card 1/1

- 4 -

Country : RUMANIA

Category: Cultivated Plants. Commercial. Oil-Bearing.  
Sugar-Bearing.

K

Abs Jour: RZhBiol., No 11, 1958, No 49070

Author : Valuta, Gh.; Comarnescu, V.; Berlindci, M.;  
Popovici, M.

Inst : Sci. Res. Inst. of Agriculture

Title : Sowing Times for Vernalized and Non-Vernalized  
Sugar Beet Seeds.

Orig Pub: An. Inst. cercetari agron, 1957, 24, No 5, 71-91

Abstract: Field tests which were carried out in the years  
1950-1953 in Rumania on the experimental base in  
Moara Domneaske (Bucharest Prov.), Kympiya Turziy  
(Cluj Prov.), Tyrgu Frumos (Jassy Prov.) and

Card : 1/3

M-138

Country : RUMANIA

Category: Cultivated Plants. Commercial. Oil-Bearing.  
Sugar-Bearing.

M

File No: PTE/Mol., No 11, 1953, No 49070

Lovpin (Timisoara Prov.) have shown that in Bucharest Prov. sugar beets ought to be sown as early as possible. The average harvest yield under these sowing conditions was 193 cwt/ha. The sowing of sugar beets should also be carried out early at Cluj Prov. A delay in sowing produced a considerable reduction in root and sugar yields. In Jassy Prov. sowing should be extended to about three weeks. Vernalization of the seeds sometimes increased the root harvest by 14%. Better results through early sowing are also reported from Timisoara. Seed vernalization resulted in

Card : 2/3

Country : RUMANIA  
Category: Cultivated Plants. Commercial. Oil-Bearing.  
Sugar-Bearing.

M

Abs Jour: RZhBiol., No 11, 1958, No 49070

an increase in the root harvest by 10-18 cwt/ha.  
in late sowing. --- A.M. Smirnov

Card : 3/3

M-139

Country : RUMANIA

M

Category: Cultivated Plants. Grains.

Abs Jour: RZhBiol., No 22, 1958, No 100220

Author : Valuta, Gh.

Inst : S

Title : Vernalization of Winter Wheat.

Orig Pub: Probl. agric., 1958, 10, No 2, 13-23.

Abstract: Since 1950, experiments have been conducted at the Institute of Agronomic Research on the study of the duration and temperature needed to vernalize regionally adapted winter wheat varieties A 15, Chenad 117, Odvosh 241, Bankut 1201 and Tg. Frumos 16.

Card : 1/1

Valuta, Gh.

STEREOL. Virginia  
Stereol. (in copy); Given Name

Country: Romania

Academic Degrees: --

Affiliation: --

Source: Bucharest, Comunicările Academiei Republicii Populare Române,  
No 4, 1961, pp 469-472.  
Title: "The Influence of Vernalization on the Organogenesis of Corn."

Co-authors:

VALUTA, Gh.

BRAD, I.; LASZLO, Iulia; VALUTA, G.; SOTIRIU, V.

Contributions for establishing some biochemical and physiological  
indexes of the frost resistance of fall cereals. Studii cerc biol  
veget 13 no.2:233-241 '61. (EEAI 10:11/12)

1. Comunicare prezentata de N. Salageanu membru corespondent al  
Academicii R.P.R.

(Plants)

BRAD, I.; LASZLO, Iulia; VALUTA, Gh.; MICLEA, Clementa

Transplantation influence of the barley embryo on the  
rye endosperm on some hybrid biochemical processes, in  
correlation with frost resistance. Studii cerc biochimie  
5 no.4:551-559 '62.

1. Institutul de cercetari pentru cereale si plante  
tehnice, Sectia de fiziologie si biochimie vegetala,  
Bucuresti.

VALUTA, Ch.; IONESCU, Maria; SLUSANSCHI, H.; RAIU, Ileana

Accumulation of the main chemical components in the vegetating stages of winter wheat according to the applied fertilizers. Comunicarile AR 13 no.11:995-1001 N°63.

1. Comunicare prezentata de academician A.Vasiliu.

VALUTA, Gh., prof. univ., ing. agr. (Bucuresti)

Zonation of agricultural production in Rumania. Natura Geografie  
15 no.2:9-17 Mr-Ap '63.

VALUTINA, VA.  
CA

RD

The influence of photosynthesis on the oxidation-reduction behavior of cells of leaf tissues. N. P. Krasnukil, V. A. Valutina, and E. A. Pryakhina (State Univ., Gorki). *Doklady Akad. Nauk S.S.R.* 58, 1621-4 (1947); *Chem. Zents.* 1948, I, 778-8. — Pea, wheat, and primrose plants 25-35 days old were used in the expts. reported. They were kept in diffuse light, then placed in the dark for 24 hrs. so that sugar formation declined. They were then exposed to illumination of 1000-15,000 lux (300-w. lamps) for 20-48 hrs. Leaves cut from the plants and placed (cut ends) in water were treated in like manner. Tests were made on primroses in both winter and spring and a part of these leaves were placed in glucose and sucrose solns. The following quantities were detd: (1) sugar and starch by the Hagedorn-Jensen method (C.A. 14, 2332) (detn. of starch with diastase), (2) pH with quinhydrone, (3)  $E_m$  electrometrically, and (4) reducing power of the leaf ext. Photosynthesis reduced the  $E_m$  by about 29 mV. and the pH by about 1.1 units. The reducing strength was increased about 0.7 unit. The addn. of the sugars through the leaf stalk had a similar effect although it was much less marked. The sugar and starch contents of the leaf were sharply increased by photosynthesis. In the spring the primrose leaves showed only a slight increase in starch content as a result of photosynthesis since these leaves did not lose their starch in the dark.

M. G. Moore

VALUTINA, V. A.

"New data on the biochemistry of juniper berries", (For use in the food industry), Authors: N. P. Krasinskiy, V. A. Valutina, A. V. Vidmanova, and V. A. Guseva, Uchen. zapiski Gor'k gos. un-ta, Issue 14, 1949, p. 333-45, - Bibliog: 8 items.

SO: U-4631, 16 Sept. 53, ( Letopis 'Zhurnal 'nykh Statey, No. 24, 1949).

V. V. KRASINSKIY, V. A.  
KRASINSKIY, N. P.; VALUTINA, V. A.; PRYAKHINA-KON'KOVA, Ya. A.; FUZINA, Ye. K.

Effect of light intensity on the oxidation-reduction balance  
of plants in connection with photosynthesis. Fiziol. rast. 2  
no.1:62-69 Ja-F '55. (MIRA 8:9)

1. Gosudarstvennyy universitet imeni N.G.Chenyshevskogo, Saratov.  
(Plants, Effect of light on) (Oxidation--Reduction reaction)

VALUTSA, G.; BRAD, I.

Biochemical processes which take place during the vernalization of winter wheat under normal conditions and following processing with different solutions. Biokhim. zerna no.5:87-99 '60. (MIRA 14:5)

1. Nauchno-issledovatel'skiy agronomicheskiy institut, Rumynskaya Narodnaya Republika.

(Wheat) (Vernalization)

MINAYEVA, V.G.; VOLKHONSKAYA, T.A.; VALUTSKAYA, A.G.

Comparative study of the flavonoid composition of some Siberian  
species of Bupleurum L. Rast. res. 1 no.2:233-235 '65.  
(MIRA 18:11)

l. TSentral'nyy sibirskiy botanicheskiy sad Sibirskogo otdeleniya  
AN SSSR.

VALUTSE, I.I.

Universal algebras with regular but noncommutative congruences.  
Usp. mat. nauk 18 no.3:145-148 My-Je '63. (MIRA 16:10)

VALUTSE, I.I. (Moskva)

Left ideals of a semigroup of endomorphisms of free universal algebra. Mat. sbor. 62 no.3:371-384 N '63. (MIRA 16:11)

VALUTSE, I.I.

Left ideals in a semigroup of endomorphisms of a free universal algebra. Dokl. AN SSSR 150 no.2:235-237 My '63. (MIRA 16:5)

1. Predstavleno akademikom P.S.Novikovym.  
(Algebra, Universal) (Groups, Theory of)

VALUTSKIY, I. I.

Stroitel'nye mashiny Construction machinery. Gos. nauchno-tekhnicheskoe izdat. mash. stroi. lit., 1952 383 p.

SO: Monthly List of Russian Accessions, Vol 6 No 6 September 1953

VITRY 1-87, 1987

ANDON'YEV, V.L.; BAUM, V.A.; BAUMGARTEN, N.K.; BEREZIN, V.D.; BIRYUKOV, I.K.;  
BIRYUKOV, S.M.; BLOKHIN, S.I.; BOBOVOY, G.A.; BULAV, M.Z.; BURAKOV,  
N.A.; VERTSAYZER, B.A.; VOVK, G.M.; VORMAN, B.A.; VOSHCHININ, A.P.;  
GALAKTIONOV, V.D., kand. tekhn. nauk; GENKIN, Ye.M.; GIL'DENELAT,  
Ye.D., kand. tekhn. nauk; GINZBURG, M.M.; GLIMBOV, P.S.; GODES, E.G.;  
GORBACHEV, V.N.; GRZHIB, B.V.; GRIKULOV, I.P., kand. s.-kh. nauk;  
GRODZENSKAYA, I.Ya.; DANILOV, A.G.; DMITRIYEV, I.G.; DMITRIYENKO,  
Yu.D.; DOBROKHOTOV, D.D.; DUBININ, L.G.; DUNDUKOV, M.D.; ZHOLIK,  
A.P.; ZENKEVICH, D.K.; ZIMAREV, Ye.V.; ZIMASKOV, S.V.; ZUBRIK, K.M.;  
KARANOV, I.F.; KNYAZEV, S.N.; KOLEGAYEV, N.M.; KOMAREVSKIY, V.T.;  
KOSENKO, V.P.; KORENISTOV, D.V.; KOSTROV, I.N.; KOTLYARSKIY, D.M.;  
KRIVSKIY, M.N.; KUZNETSOV, A.Ya.; LAGAR'KOV, N.I.; LGALOV, V.G.;  
LIKHACHEV, V.P.; LOGUNOV, P.I.; MATSKOVICH, K.F.; MEL'NICHENKO,  
K.I.; MENDELEVICH, I.R.; MIKHAYLOV, A.V., kand. tekhn. nauk;  
MUSIYEEVA, R.N.; NATANSON, A.V.; NIKITIN, M.V.; OVES, I.S.;  
OGUL'NIK, G.R.; OSIPOV, A.D.; OSMIR, N.A.; PETROV, V.I.; PERYSHEIN,  
G.A., prof.; P'YANKOVA, Ye.V.; RAPORT, Ye.D.; REMEZOV, N.P.;  
ROZANOV, M.P., kand. biol. nauk; ROCHEGOV, A.G.; RUBINCHIK, A.M.;  
RYBACHEVSKIY, V.S.; SADCHIKOV, A.V.; SEMENTSOV, V.A.; SIDENKO, P.M.;  
SINYAVSKAYA, V.T.; SITAROVA, M.N.; SOSNOVNIKOV, K.S.; STAVITSKIY,  
Ye.A.; STOLYAROV, B.P. [deceased]; SUDZILOVSKIY, A.O.; SYRTSOVA,  
Ye.D., kand. tekhn. nauk; FILIPPSKIY, V.P.; KHALTURIN, A.D.;  
TSISHEVSKIY, P.M.; CHERKASOV, M.I.; CHERNYSHEV, A.A.; CHUSOVITIN,  
N.A.; SHESTOPAL, A.O.; SHIKHTER, P.A.; SHISHKO, G.A.; SHCHERBINA,  
I.N.; MNGEL', F.F.; YAKOBSON, A.G.; YAKUBOV, P.A., ARKHANOKL'SKIY,

(Continued on next card)

ANDON'YEV, V.L.... (continued) Card 2.

Ye.A., retsenzent, red.; AKHUTIN, A.N., retsenzent, red.; BALASHOV, Yu.S., retsenzent, red.; BARABANOV, V.A., retsenzent, red.; BATUJKE, P.D., retsenzent, red.; BORODIN, P.V., kand. tekhn. nauk, retsenzent, red.; ~~VALUISKIY, I.T.~~, kand. tekhn. nauk, retsenzent, red.; GRIGOR'YEV, V.M., kand. tekhn. nauk, retsenzent, red.; GUBIN, M.F., retsenzent, red.; GUDAYEV, I.N., retsenzent, red.; YERMOLOV, A.I., kand. tekhn. nauk, retsenzent, red.; KARAULOV, B.F., retsenzent, red.; KRITSKIY, S.N., doktor tekhn. nauk, retsenzent, red.; LIKIN, V.V., retsenzent, red.; LUKIN, V.V., retsenzent, red.; LUSKIN, Z.D., retsenzent, red.; MATRIROSOV, A.Kh., retsenzent, red.; MENDEL'YEV, D.M., retsenzent, red.; MINKEL', M.Y., doktor tekhn. nauk, retsenzent, red.; OBREZKOV, S.S., retsenzent, red.; PETRASHEN', P.N., retsenzent, red.; POLYAKOV, L.M., retsenzent, red.; RUMYANTSEV, A.M., retsenzent, red.; RYABCHIKOV, Ye.I., retsenzent, red.; STASENKO, N.G., retsenzent, red.; TAKANAYEV, P.F., retsenzent, red.; TARANOVSKIY, S.V., prof., doktor tekhn. nauk, retsenzent, red.; TIZDEL', R.E., retsenzent, red.; FEDOROV, Ye.M., retsenzent, red.; SHIVYAKOV, M.N., retsenzent, red.; SHIMAKOV, M.I., retsenzent, red.; ZHUK, S.Ya. [deceased], akademik, glavnnyy red.; KLISSO, G.A., kand. tekhn. nauk, red.; FILIMONOV, N.A., red.; VOLKOV, L.N., red.; GRISHIN, M.M., red.; ZHURIN, V.D., prof., doktor tekhn. nauk, red.; KOSTROV, I.N., red.; LIKHACHEV, V.P., red.; MEDVEDEV, V.M., kand. tekhn. nauk, red.; MIKHAYLOV, A.V., kand. tekhn. nauk, red.; PETROV, G.D., red.; RAZIN, N.V., red.; SOBOLEV, V.P., red.; FERINGER, B.P., red.; FREYGOFER,

(Continued on next card)

ANDON'YEV, V.L.... (continued) Card 3.

Ye.P., red.; TSYPLAKOV, V.D. [deceased], red.; KORABLINOV, P.N.,  
tekhn. red.; GENKIN, Ye.M., tekhn. red.; KACHEROVSKIY, N.V., tekhn.  
red.

[Volga-Don; technical account of the construction of the V.I. Lenin  
Volga-Don Navigation Canal, the Tsimlyansk Hydroelectric Center,  
and irrigation systems] Volgo-Don; tekhnicheskii otchet o stroitel'-  
stve Volgo-Donskogo sudokhodnogo kanala imeni V.I. Lenina, TSim-  
lyanskogo gidrouzla i orositel'nykh sooruzhenii, 1949-1952; v piati  
tomakh. Moskva, Gos. energ. izd-vo. Vol.1. [General structural  
descriptions] Obshchее opisanie sooruzhenii. Glav. red. S.IA. Zhuk.  
Red. toma M.M. Grishin. 1957. 319 p. Vol.2. [Organization of con-  
struction. Specialized operations in hydraulic engineering] Orga-  
nizatsiya stroitel'stva. Spetsial'nye gidrotekhnicheskie raboty.

(Continued on next card)

ANDON'YEV, V.I.... (continued) -- Card 4.

Glav. red. S. IA. Zhuk. Red. toma I.N. Kostrov. 1958. 319 p.  
(MIRA 11:9)

1. Russiia (1923- . U.S.S.R.) Ministerstvo elektrostantsii. Byuro  
tekhnicheskogo otcheta o stroitel'stve Volgo-Dona. 2. Chlen-kor-  
respondent Akademii nauk SSSR (for Akhutin). 3. Deystvitel'nyy  
chlen Akademii stroitel'stva i arkhitektury SSSR (for Grishin,  
Razin).

(Volga Don Canal--Hydraulic engineering)

REBROV, A.S., inzh. [deceased]; USPENSKIY, V.P., inzh.; PLESHKOV, D.I., kand. tekhn. nauk; BELEN'KIY, V.I., inzh.; BERNADSKIY, G.I., inzh.; VALUTSKIY, I.I., inzh.; BAZANOV, A.F., kand. tekhn. nauk; KOGAN, I.Ya., kand. tekhn. nauk; RATNER, A.I.; VOROB'YEV, A.A., inzh.; BAUMAN, V.A., kand. tekhn. nauk; NOSENKO, N.Ye., kand. tekhn. nauk; FOKIN, M.V., inzh. [deceased]; VINOGRADOV, G.V., inzh.; GUSAKOV, M.A., inzh.; SUDAKOVICH, D.I., inzh.; Prinimali uchastiye: SIGAL', Ya.Ye., inzh.; TITOV, M.A., inzh.; OGIREVICH, V.Ya., kand. tekhn. nauk; ZIMIN, P.A., kand. tekhn. nauk, retsenzent; LAPIR, F.A., inzh., retsenzent; PETROV, N.M., kand. tekhn. nauk, retsenzent; RYAKHIN, V.A., kand. tekhn. nauk, retsenzent; KHOLIN, N.A., inzh., retsenzent

[Construction machinery; a reference manual] Stroitel'nye mashiny; spravochnik. Izd.3., perer. i dop. Moskva, Mashinostroenie, 1965. 788 p. (MIRA 18:6)

VALUTSKIY, I.P.

LAPIR, F.A., laureat Stalinskoy premii; BAUMAN, V.A., kandidat tekhnicheskikh nauk, retsenzent; VALUTSKIY, I.P., inzhener, redaktor; MATVYEVVA, Ye.N., tekhnicheskiy redaktor

[Automatic concrete-mixing plants] Avtomatizirovannye betonosmesitel'nye ustanovki. Moskva, Gos. nauchno-tekhn. izd-vo mashino-stroit. i sudostroit. lit-ry, 1953. 91 p. (MLRA 7:8)  
(Concrete)

1. VALUYEN, G. V.; NEVEL'SON, M. S.
2. USSR (600)
4. Packing (Mechanical Engineering)
7. Device for inserting felt gaskets.  
Stan. i instr., 23 no. 12, 1952.
  
9. Monthly List of Russian Accessions, Library of Congress, March 1953.  
Unclassified.

VALUYENKO, B. [Valuienko, B.]

Maiakovskii on the science and technology of the future. Nauka i  
zhyttia 12 no.6:50-53 Je '62. (MIRA 15:7)  
(Maiakovskii, Vladimir Vladimirovich, 1894-1930)

VALUYEV, A., gvardii podpolkovnik.

Maintaining control of subunits on the march by means of luminous  
signals. Voen. vest. 35 no.8:72-74 Ag '55. (MIRA 11:3)  
(Marching)

KUDRYAVTSEV, A.N., inzh.; VALUYEV, A.F., inzh.

Automatic machine for the dynamic balancing of crankshafts with correction by the milling method. Trakt. i sel'khozmash. no.11:34-35 N '64. (MIRA 18:1)

1. Nauchno-issledovatel'skiy institut tekhnologii traktornogo i sel'skokhozyaystvennogo mashinostroyeniya.

137-1958-3-4723

Translation from: *Referativnyy zhurnal, Metallurgiya*, 1958, Nr 3, p 36 (USSR)

AUTHORS: Revebtsov, V. P., Valuyev, A. I.

TITLE: The Practice of Operational Computation of Production Costs at Ferrous Metallurgy Plants (Opty operativnogo kal'kulirovaniya sebestoimosti produktsii na predpriyatiyakh chernoy metallurgii)

PERIODICAL: *Tr. Ural'skogo politekhn. in-ta*, 1957, Nr 66, pp 121-132

ABSTRACT: A description of methods and results of introducing a system of daily computation of production costs at the Kuznetskiy combine, and at the Novo-Tagil'skiy metallurgical plant. Forms employed for accounting and computation documents are shown.

A. D.

Card 1/1

VALUYEV, ALEKSANDR IOSIFOVICH

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Naklandyye raskhody v chernoy metallurgii (Overhead expense in  
ferrous metallurgy Sverdlovsk, Metallurgizdat, 1958.

70 p. tables.  
Bibliographical Footnotes.

SHELEMENT'YEVA, A.N.; VALUYEV, A.I., dots., otv. red.

[Local budgets and their role in economic and cultural development] Mestnye biudzhety i ikh rol' v khoziaistvennom i kul'turnom stroitel'stve. Sverdlovsk, Ural'skii gos. univ., 1963. 43 p. (MIRA 17:9)

•R01410

Balans Metallurgicheskogo Zavoda I Yago Analiz (Balance of a Metallurgical Plant and its Analysis) Sverdlovsk, Metallurgizdat, 1954.

86 P. Diagrs., Tables.

Literatura: P. (87)

~~VALUYEV, A. B.~~ Dvinskher; LI'INA, R.N., laureat Stalinskoy premii, kandidat tekhnicheskikh nauk; MASHARSKIY, B.N., laureat Stalinskoy premii, kandidat tekhnicheskikh nauk; KHINSKIY, P.D.

Ultrasonic defectoscopy of forgings. Vest.mash.34 no.12:63-64 D'54.  
(Forging) (MLRA 8:2)

VALUYEV, A.I.

TUMASHEV, Pimer Ivanovich; KUSHPEL', Vasiliy Semenovich; VALUYEV,  
Aleksandr Iosifovich, OSINTSEV, A.S., professor, doktor  
ekonomicheskikh nauk, redaktor; LUCHKO, Yu.V., redaktor;  
KOVALENKO, N.I., tekhnicheskiy redaktor

[Intrashop business accounting; work practice of the open-hearth shop in the Serov Metallurgical Plant. Vnutritsekhovoi khozraschet; opyt nartenovskogo tsekha metallurgicheskogo zavoda im. Serova. Sverdlovsk, Gos.nauchno-tekh.izd-vo lit-ry po chernoi i tavetnoi metallurgii, Sverdlovskoe otd-nie, 1955.  
45 p.

(Steel industry--Accounting)

*Valuyev, Aleksandr Iosifovich*

PHASE I BOOK EXPLOITATION 872

Valuyev, Aleksandr Iosifovich

Nakladnyye raskhody v chernoy metallurgii (Overhead Expenses in Ferrous Metallurgy) Sverdlovsk, Metallurgizdat, 1958. 71 p. 2,400 copies printed.

Ed. Luchinskiy, P.A.; Ed. of Publishing House: Luchko, Yu.V.; Tech. Ed.: Zef, Ye.M.

PURPOSE: This book is intended for engineering and technical personnel employed in metallurgical plants and for other qualified workers.

COVERAGE: The author discusses overhead expenses and their effect on the cost of production in the field of ferrous metallurgy. In 1938 overhead expenses in the USSR amounted to 22.5 percent of all production expenses. Data obtained from various metallurgical plants indicate that there is a general trend

Card 1/3

## Overhead Expenses in Ferrous Metallurgy

872

in the direction of decreased overhead expenses and production costs. The achievements of many Soviet metallurgical plants in cutting overhead expenses are mentioned. Modernization of equipment, improved production technology, reduction of waste in manufacturing operations and improved organization of production and management are given as principal ways of reducing overhead expenses. There are no references, and no personalities are mentioned.

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AVAILABLE: Library of Congress	

Card 3/3

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11-24-58

VALUYEV, Aleksandr Iosifovich; SKOROKHODOV, Arkadiy Aleksandrovich;  
CHANOVSKIY, G.M., retsenzent; LUCHINSKIY, Sh.P., red.;  
LUCHKO, Yu.V., red.izd-vs; TURKINA, Ye.D., tekhn.red.

[Accounting and analysis of the administrative operations of  
a metallurgical plant] Bukhgalterskii uchat i analiz kho-  
ziaistvennoi deiatel'nosti metallurgicheskogo zavoda. Sverdlovsk,  
Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii.  
Sverdlovskoe otd-nie, 1960. 447 p. (MIRA 14:3)  
(Steel industry--Accounting)

VALUYEV, A.P.; MOISEYENKO, A.I.

*Anculostoniasis in Dzhambul Province of the Kazakh S.S.R. and  
methods for eliminating the focus. Med.paraz.i paraz.bol. no.3:  
271-272 '61.* (MIRA 14:9)

1. Iz Dzhambul'skoy oblastnoy sanitarno-epidemiologicheskoy  
stantsii (glavnnyy vrach P.S. Dmitriyenko).  
(DZHAMBUL PROVINCE—HOOKWORMS)

L 00355-66 EWT(m)/EWP(w)/EWA(d)/T/EWP(t)/EWP(z)/EWP(b) MJW/JD  
ACCESSION NR: AR5018949 UR/0276/65/000/007/B046/B046  
621.785.539.001.5

SOURCE: Ref. zh. Tekhnologiya mashinostroyeniya. Svodnyy tom, Abs. 7B321 3

AUTHOR: Dolzhenkov, A. T.; Valuyev, A. P. B

TITLE: Properties of surfaces treated by box sulfocyaniding 4

CITED SOURCE: Dokl. Mosk. in-ta inzh. s.-kh. proiz-va, v. 1, no. 4, 1964, 81-88

TOPIC TAGS: box sulfocyaniding, treated surface property, hardness test, fatigue strength test, cast iron/ steel No. 45

TRANSLATION: The authors studied the hardness and fatigue strength of surfaces treated by box sulfocyaniding and evolved a methodology for treating a workpiece. Box sulfocyaniding improves microhardness of steel and cast iron surfaces. Maximum hardness in samples of steel No. 45 was measured at 0.02 to 0.07 mm below the surface. Its level dropped sharply deeper into the metal, the rate of decrease moderating at 0.1 mm depth and original levels recurring at 0.5 mm. The hardness of the external layer of a sulfocyanide treated surface is lower because of the sulfide layer present in it. Maximum rate of increase in hardness and in the content of sulfur or nitrogen was noted during the initial

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ACCESSION NR: AR5018949

6  
six hour period. The authors suggest that box sulfocyaniding for 6 hours at 560-570C provides the most economically and technologically suitable process. Fatigue strength of treated samples was 10 to 12% higher than in untreated samples. Three illustrations.

SUB CODE: MM

ENCL: 00

Card 2/2

VALYULY, A. S.

Cand. Tech. Sci.

Dissertation: "Phototheodolitic Mapping of High Mountain Regions." Moscow Inst. of Engineers of Geodesy, Aerial Photography and Cartography, 12 Dec 47.

SG: Vechernyya Moskva, Dec, 1947 (Project #178)6)

VALUYEV, A.S., kand.tekhn.nauk, dots.

Conversion of horizontal stereoscopic parallaxes to normal survey  
cases in land stereophotogrammetry. Trudy MIIGAIK no.29:69-79  
1957. (MIRA 11:5)

1.Kafedra fotogrammetrii Moskovskogo instituta inzhenerov geodezii,  
aerofotos"yemki i kartografii.  
(Photogrammetry)

VALuyev, A.S.

<p><b>TITLE:</b> Scientific-technical Conference of the MIGA 1 K 1959 [Nauchno-tekhnicheskaya konferentsiya MIGA 1 K 1959 6-11].</p> <p><b>PHOTOGRAPHS:</b> Izvestiya vysokikh uchebnykh zavedenii. Vestniki akademii i serofotika [Yearbook, 1959, Br. 3, pp. 144 - 146 (1958)].</p>	<p><b>ABSTRACT:</b> The periodic scientific-technical conference of the Baikovskii Institute Izucheniiu geodetskoi, aerofototekhnicheskoi i kartograficheskoi (Baikov Institute of Geodetic, Aerial Survey and Cartographic Equipment) was held on April 22-24, 1959, with the participation of 500 persons. 35 lectures were delivered. The introductory speech was held by Professor A. I. Iotov, Candidate of Philosophical Sciences A. A. Ljutova lectured on "The Outstanding Work of Materialistic Philosopher", Candidate of Technical Sciences A. A. Ljutova lectured on "The Outstanding Work of Materialistic Philosopher", Candidate of Technical Sciences A. V. Kostylev on "Electronics and Geodesy", Candidate of Technical Sciences V. V. Mironov on "Investigation of the Solution of the Internal Position Computation of Different Geodetic Systems", Candidate of Technical Sciences P. P. Strelkov reported on "Gravimetry in Today's Stage of Development", Candidate of Technical Sciences F. B. Solntsev on "Investigation of the Rules Governing the Distribution of Errors When Generalizing the Soltar in Photography", Post-graduate Student Iu. V. Makarov on "The Application of Artificial Satellites to the Measurement of Earth's Gravity", Post-graduate Student V. P. Litsyn on "The Solution of Linear Systems", Candidate of Technical Sciences S. Vaynshteyn on "The Stereoscopic Application of Currents in the Earth", Doctor V. M. Kostylev dealt with "The Application of Parallelistic Polygometry With Short Basis and Constant Vertical Basis", Doctor of Physical and Mathematical Sciences A. Vaynshteyn, lecturer on "The Internal Theory of Surface and Their Application to the Mechanism of Artificial Earth Satellites", Candidate of Technical Sciences S. Vaynshteyn on "The Stereoscopic Application of Currents in the Earth", Doctor V. M. Kostylev spoke on "Photogrammetric Method of Determining the Altitude of Landmass Clouds", Candidate of Technical Sciences N. N. Vaynshteyn reported on "The Generalization of the Formulas for the Plane Aerial Survey", and the Assistant A. Vaynshteyn on "Aerial Survey and the Application of Technical Sciences".</p>
<p><b>CARD 1/5</b></p>	<p>Assistant A. I. Solntsev on "The Problem of the Automatic Aerial Survey", Post-graduate Student Iu. N. Sotnikov and Candidate of Technical Sciences L. A. Zabikov on "Aerial Survey and the Application of Technical Sciences".</p>
<p><b>CARD 2/5</b></p>	<p>Assistant V. I. Slobodko spoke on "The Application of Technical Sciences to the Aerial Photography Path", Post-graduate Student N. N. Sotnikov on "The Application of the Instantaneous Photography for Aerial Survey Paths", Assistant V. P. Artobolevskii on "The Computation of the Aerial Survey Combinatorial Problem", Candidate of Technical Sciences L. A. Zabikov on "Aerial Survey and the Application of Technical Sciences".</p>

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001858510018-4"

LOBANOV, Aleksey Nikolayevich, prof., doktor tekhn. nauk; YUTANOV, M.N.,  
dots., kand. tekhn. nauk; YENIKEYEV, G.Sh., inzh.; VALUYEV, A.S.,  
dots.; VASIL'YEVA, V.I., red. izd-va; ROMANOVA, V.V., tekhn.  
red.

[Photogrammetric topography; terrestrial stereophotographic  
surveying] Fotopografiia; nazemnaiia stereofotograficheskaiia  
s"emka. Izd.2., perer. i dop. Moskva, Izd-vo geodez. lit-ry,  
1960. 194 p. (MIRA 14:8)

(Photographic surveying)

VALUYEV, A. S., dotsent, kand.tekhn.nauk

Stereocomparator with correctors. Trudy MIIGAIK no.39:35-44 '60.  
(MIRA 13:8)

1. Kafedra fotogrammetrii Moskovskogo instituta inzhenerov  
geodezii, aerofotos"yemki i kartografii.  
(Aerial photogrammetry)

VALUYEV, Afanasiy Sergeyevich; GERTSENOVA, K.N., kand. tekhn. nauk,  
retsenzent; LOBANOV, A.N., retsenzent; BORDYUKOV, M.P.,  
retsenzent; BUDYLOV, P.V., retsenzent; OVSYANNIKOV, R.P.,  
retsenzent; POGORELOV, V.M., retsenzent; ROGOZIN, S.M.,  
retsenzent; VASIL'YEVA, V.I., red. izd-va; SUNGUROV, V.S.,  
tekhn. red.

[Practical work in stereophotogrammetry] Praktikum po stereo-  
fotogrammetrii. Moskva, Izd-vo geodez.lit-ry, 1961. 319 p.  
(MIRA 15:1)

1. Kafedra fotogrammetrii Vsesoyuzno-inzhenernoy akademii im.  
V.V.Kuybysheva (for Lovanov, Bordyukov, Budylov, Ovsyannikov,  
Pogorelov, Rogozin).

(Photogrammetry)

VALUYEV, A.S.

Calculating distances and photobases in phototheodolite  
surveys. Geod.i kart. no.7:45-47 Jl '62. (MIRA 15:8)  
(Photographic surveying)

VALUYEV, A.S., dotsent, kand. tekhn. nauk

Graphic method for treating stereograms of terrestrial surveying  
when projecting them on a vertical plane. Izv. vys. ucheb. zav.;  
geod. i aerof. no.3:71-83 '64. (MIRA 18:3)

1. Moskovskiy institut inzhenerov geodezii, aerofotov"zemli i  
kartografii.

VALUYEV, A.V.; inzh.; MYKKIN, K.P., inzh.; PAPEK, G.M., inzh.

Internal drum separators for Shukhov-Berlin and Shukhov boilers.  
Prom. energ. 18 no.8:29-32 Ag 63. (MIRA 16:9)  
(Boilers)

VALUYEV, B.N.

Anomalous singularity and the determination of the amplitudes of certain processes. Zhur. eksp. i teor. fiz. 47 no.2:649-658 Ag '64.  
(MIRA 17:10)

1. Ob'yedinennyi institut yadernykh issledovaniy.

VALUYEV, B. N., LAZAREVA, L. Ye., GAVRILOV, B. I., ZATSEPINA, G. N. and  
STAVINSKIY, V. S.

"Neutron Yield From Photodisintegration of Uranium and Thorium".

Report appearing in 1st Volume of "Session of the Academy of Sciences US R on  
the Peaceful Use of Atomic Energy, 1-5 July 1955", Publishing House of Academy of  
Sciences USSR, 1955.

SO: Sum 728, 28 Nov 1955.

VALUYEV, B.N.

*✓* Yield of neutrons in the photodisintegration of uranium and thorium. L. E. Lazareva, B. I. Gavrilov, B. N. Valuyev, G. N. Zatsepina, and V. S. Stavinskii. *Conf. Acad. Sci. U.S.S.R. on Peaceful Uses of Atomic Energy, Session Div. Phys. Math. Ser. 1955, 217* (2a Pub. 1956) (Engl. translation) - see CA 50:31124. B. M. L. [initials]

*4*

VALUYEV, B.N.

USSR/Nuclear Physics - Photofission

FD-2962

Card 1/1      Pub. 146 - 3/28

Author      : Valuyev, B. N.; Gavrilov, B. I.; Zatsepina, G. N.; Lazareva, L. Ye.

Title      : ~~\_\_\_\_\_~~ Average number of neutrons in one act of fission during the photo-decay of uranium and thorium

Periodical      : Zhur. eksp. i teor. fiz., 29, September 1955, 280-285

Abstract      : The authors measured the average number of neutrons, nu, that are found in one act of fission during the photo-decay of uranium and thorium for mean energy of excitation of the nuclei around 12 Mev. For uranium the obtained value of nu is equal to  $6.2 \pm 0.5$ ; for thorium, it is  $14.2 \pm 1.2$ . The measured quantities permitted the authors to evaluate the relative probability of fission during photo-decay of uranium and thorium nuclei. Seven references, all Western.

Institution      : Physical Institute im. P. N. Lebedev, Academy of Sciences USSR

Submitted      : May 31, 1955

VALUYEV, B.N.

The yield of neutrons in the photoexcitation of uran-238 and thorium-232

In the present paper the yield of delayed neutrons in the photoexcitation of  $U^{238}$  and  $Th^{232}$  was measured with photons from a 300 m.e.v. synchrotron. For  $U^{238}$  excitation was made with  $E_{\gamma} = 10.6 \pm 0.1$  m.e.v. The yield of delayed neutrons and the yield of fission fragments were measured simultaneously. For  $E_{\gamma} = 18.5$  m.e.v. the yield of delayed neutrons was compared with photoexcitation of  $U^{238}$  and  $Th^{232}$  were measured. The yield of neutrons was measured through a paraffin moderator and was registered in a B1<sub>4</sub> ionization chamber. The yield of fission fragments was measured by aid of a differential parallel-plate ionization chamber. The flux of bremsstrahlung photons, impinging on the sample, was detd. by measuring the ionization inside an Al chamber with 7.5 cm. thick walls. From the obtained curves, by aid of the photon difference method, one could now calc. the photon-neutron cross section curves  $\sigma_n$  and the photo-fission cross section curves  $\sigma_f$ , of  $U^{238}$  and  $Th^{232}$  the integrated cross sections for  $U^{238}$  were thus found to be 12.0 and 1.7, and for  $Th^{232}$  6.6 and 0.64 m.e.v. barn, resp. Analysis of the  $\sigma_n$  and  $\sigma_f$  curves makes it possible to est. the probability for  $U^{238}$  and  $Th^{232}$  fission at various energies of the  $\gamma$ -ray excitation. This probability is fairly const. for  $U^{238}$  with 0.2-0.3, but for  $Th^{232}$  it is about 0.1 at 8-11 m.e.v., and increases to 0.3-0.4 at higher m.e.v. For an av. excitation energy of 12 m.e.v. the yield of delayed neutrons (as % of the total neutron yield) is  $0.11 \pm 0.02$  for  $U^{238}$  and  $0.18 \pm 0.01$  for  $Th^{232}$ .

Werner Jacobson

(4) *Bray*

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VALUYEV, B.N.

✓ Average number of neutrons per fission in the photo  
disintegration of uranium and thorium. B. N. Valuyev,  
B. I. Gavrilov, G. N. Zatsepina, and L. E. Lazareva.  
*Soviet Phys., JETP* 2, 196-10 (1956) (Engl. translation) —  
See C.A. 50, 2313a. *Mur* 4  
B M R

24(5)  
AUTHOR:

Valuyev, B. N.

SOV/56-36-5-50/76

TITLE:

Comment on the Variants of the  $\beta$ -Decay Interaction  
(Zamechaniye o variantakh  $\beta$ -raspadnogo vzaimodeystviya)

PERIODICAL:

Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1959,  
Vol 36, Nr 5, pp 1578-1580 (USSR)

ABSTRACT:

In the present "Letter to the Editor" the author investigates  
weak interaction, described by the Hamiltonian (1):

$$H' = \sum_i H'_i = \sum_i g_i (\bar{\Psi}_p^0 \Psi_n) (\bar{\Psi}_{e_i}^0 (1 + \lambda_i \gamma_5) \Psi_e) + \text{Herm. conj.}$$

$i = S, V, T, A, P$  in first perturbational approximation. The influence exercised by these approximations corresponding to (1) upon the  $\beta$ -decay of the neutron is investigated; it is shown that for some of the investigated variants the form of the matrix element corresponds to the first perturbational approximation. This holds also for all processes developing in first approximation according to

(1), as e. g.  $\tilde{\nu} + p \rightarrow n + e^+$ . The S-matrix has the following form (2) for the case investigated here (variant

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Comment on the Variants of the  $\beta$ -Decay Interaction SOV/56-36-5-50/76

$j, H' = H_j$  :

$s^{(j)} = g_j \sum_i \mathcal{G}_i^{(j)} (\Psi_p^0; \Psi_n) (\bar{\Psi}_e \gamma_i^0 (1 + \Lambda_i^{(j)} \gamma_5) \Psi_v)$ , where

$\mathcal{G}_i^{(j)}, \Lambda_i^{(j)}$  are scalar functions of  $|g_j|^2, \lambda_i, K$  and invariants (consisting of the four-momenta of the particles).

For  $j = V, T$ , A only one term with  $\mathcal{G}_j^{(j)}$  is left over from (2).

In the case of  $j = S$ ,  $\mathcal{G}_S^{(S)}$  and  $\mathcal{G}_p^{(S)}$  may be different from

zero. Evaluation of the "impurity"  $\mathcal{G}_p^{(S)}$  according to the perturbation theory gives 0 in third approximation and

$\mathcal{G}_p^{(S)} < 0.01 \mathcal{G}_S^{(S)}$  in the fifth. For  $j = P$  the situation is analogous. In the case of the known V-A-interaction it may

Card 2/3

Comment on the Variants of the  $\beta$ -Decay Interaction SOV/56-36-5-50/76

easily be shown that also here no deviation from the first perturbational approximation is found; this holds also for the variants  $S + P - T$ ,  $3(S + P) + T$ . It is thus possible, also in such an approximation, to draw conclusions with respect to the  $\beta$ -decay interaction from the experiment as to the variant in (1). The author finally thanks Professor M. A. Markov for raising the problem and his interest in the investigation, and he further thanks I. V. Polubarinov, M. I. Shirokov, and Chou-Kuang-chao for discussions. There are 4 references, 1 of which is Soviet.

ASSOCIATION: Ob"yedinennyi institut yadernykh issledovaniy (Joint Institute of Nuclear Research)

SUBMITTED: January 10, 1959

Card 3/3

VALUYEV, B.N.; GESHKENBEYN, B.V.

Determining the relative parity of  $\Sigma$ -and  $\Lambda$ -particles in  
the  $\Sigma \rightarrow \Lambda + e^+ + e^-$  reaction. Zhur. eksp. i teor. fiz.  
39 no.4:1046-1048 0 '60. (MIRA 13:11)  
(Particles (Nuclear physics))

VALUYEV, B.N.

Coulomb excitation of  $\Lambda$ -particles. Zhur. eksp. i teor. fiz. 40 no.6:1844-1846 Je '61. (MIRA 14:8)

1. Ob'yedinenyyi institut yadernykh issledovaniy.  
(Particles (Nuclear physics))

VALUYEV, B. N.

"Angular Correlations of Leptons in K-Meson Decays"

report presented at the Intl. Conference on High Energy Physics, Geneva,  
4-11 July 1962

Joint Institute for Nuclear Research  
Laboratory of Theoretical Physics, Dubna, 1962.

VALUYEV, B.N. ZARUBINA, I.S. [translator]; SARANTSEVA, V.R., tekhn.  
red.

Angular correlations of leptons in the K-meson decays.  
Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962.

9 p. (No subject heading)

S/056/62/043/001/034/056  
B108/B102

AUTHOR: Valuyev, B. N.

TITLE: Lepton angular correlations in K-meson decay

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 43,  
no. 1(7), 1962, 241-245

TEXT: The lepton angular correlations in  $K_{e3}$  and in  $K_{\mu 3}$  decay events are easy to compare with experimental data if the recording probability of the electron (or muon) depends on its energy. The author therefore calculated these correlations. It is demonstrated that the experimental data so far available agree with the vector theory of decay interaction. There are 3 figures. The most important English-language reference is: D. Luers et al. Phys. Rev. Lett., 7, 255, 1961

ASSOCIATION: Ob"yedinennyi institut yadernykh issledovaniy (Joint Institute of Nuclear Research)

SUBMITTED: February 20, 1962

Card 1/1

ACCESSION NR: AP4043643

S/0056/64/047/002/0649/0658

AUTHOR: Valuyev, B. N.

TITLE: On the anomalous singularity and the determination of the amplitudes of certain processes

SOURCE: Zh. eksper. i teor. fiz., v. 47, no. 2, 1964, 649-658

TOPIC TAGS: scattering amplitude, pion pion interaction, k meson, lambda particle, quantum electrodynamics

ABSTRACT: The purpose of the investigation is to analyze in greater detail the meaning of anomalous singularities in the case of unstable particles and to demonstrate that the anomalous singularity can be used to determine the amplitudes of such processes as  $\pi\pi \rightarrow \pi\pi$ ,  $\pi\Lambda \rightarrow \pi\Lambda$ , etc., and to interpret the irregularities in the effective-mass distributions observed in some reactions. It is shown that in the case of unstable particles the conditions for anomalous

Card 1/3

ACCESSION NR: AP4043643

singularity of a triangular diagram have a simple kinematic meaning. An expression is obtained for the amplitude of triangular diagram, from which the part containing the anomalous singularity can be readily separated. Under certain conditions the singularity appears in the physical region of variation of the variables. It is also shown that the anomalous singularity can lead to the appearance of "humps" in the effective-mass distribution, imitating weak resonances. An example is the hump in the effective-mass distribution of  $K_1^0 K_1^0$

pairs near 1 BeV and the so-called ABC resonance, which indicates the possible existence of an excited nucleus in which one of the nucleons is replaced by a 1238-Mev isobar. The theory can be extended to include reactions when two resonances are produced. "The author is sincerely grateful to M. A. Markov, V. I. Ogiyevetskiy, I. V. Polubarinov, and M. I. Podgoretskiy for discussions and useful remarks, and to S. A. Bunyatov, S. S. Gershteyn, and L. I. Lapidus for a discussion of questions connected with ABC resonance."

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Orig. art. has: 8 figures and 12 formulas.

ASSOCIATION: Ob"yedinenny" institut yaderny"kh issledovaniy (Joint Institute of Nuclear Research)

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Abstract : The operation, structure and adaptability of the UZD-9 defectoscope used for detecting and recording cracks and deformations in forged pieces was investigated. Drawings.

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Submitted : .....

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